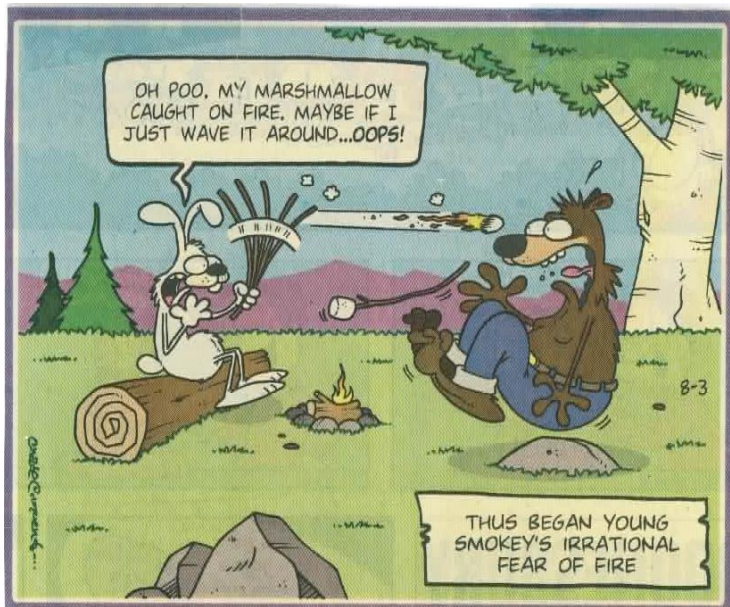
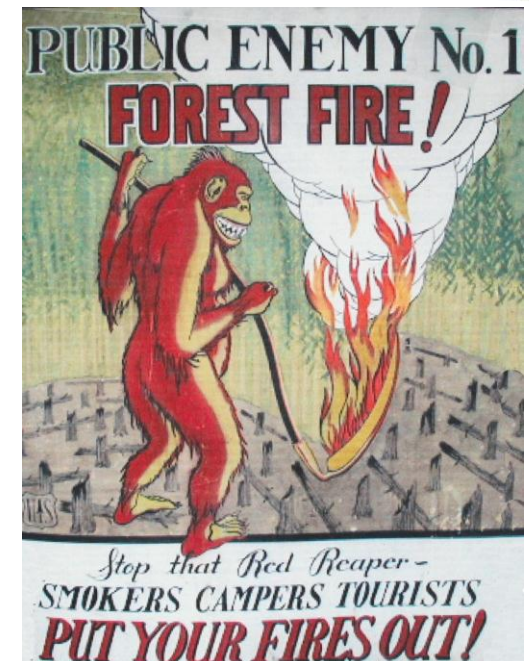




FRANK AND ERNEST • BOB THA/ES



NOW HERE'S A NICE
ONE WE BUILT LAST
FALL !





welcome



2011 Virginia Certified
Prescribed Burn
Managers Program





Rod Sterling & This is my fire



Department of Conservation & Recreation

CONSERVING VIRGINIA'S NATURAL & RECREATIONAL RESOURCES

**A SPECIAL THANKS
TO ALL THESE
AGENCIES WHO
HELPED MAKE THIS
COURSE A SUCCESS**



VIRGINIA POLYTECHNIC INSTITUTE
AND STATE UNIVERSITY



Protecting nature. Preserving life.™

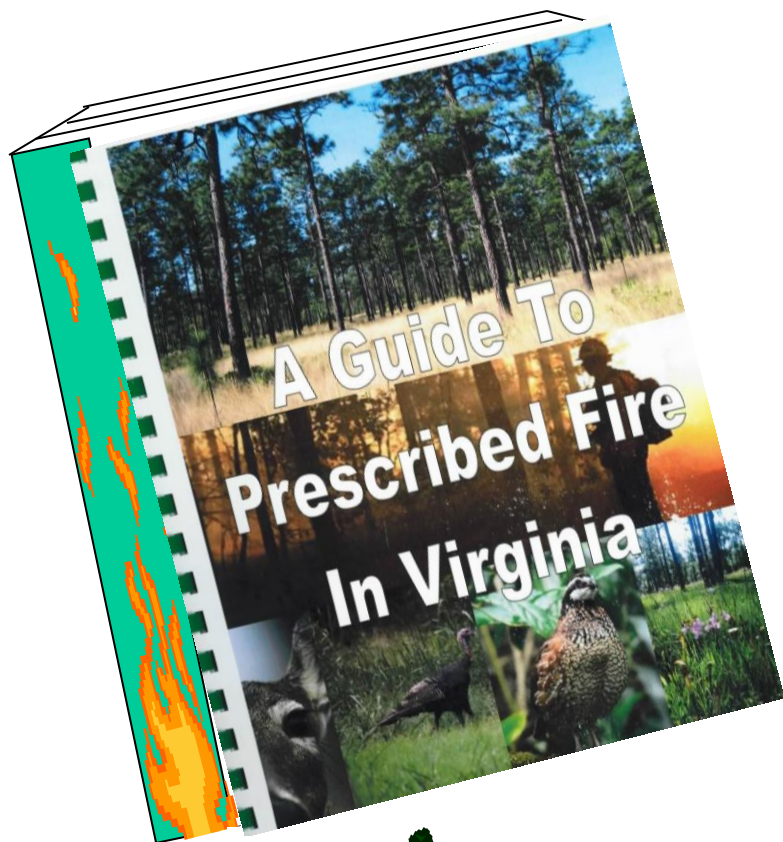
nature.org



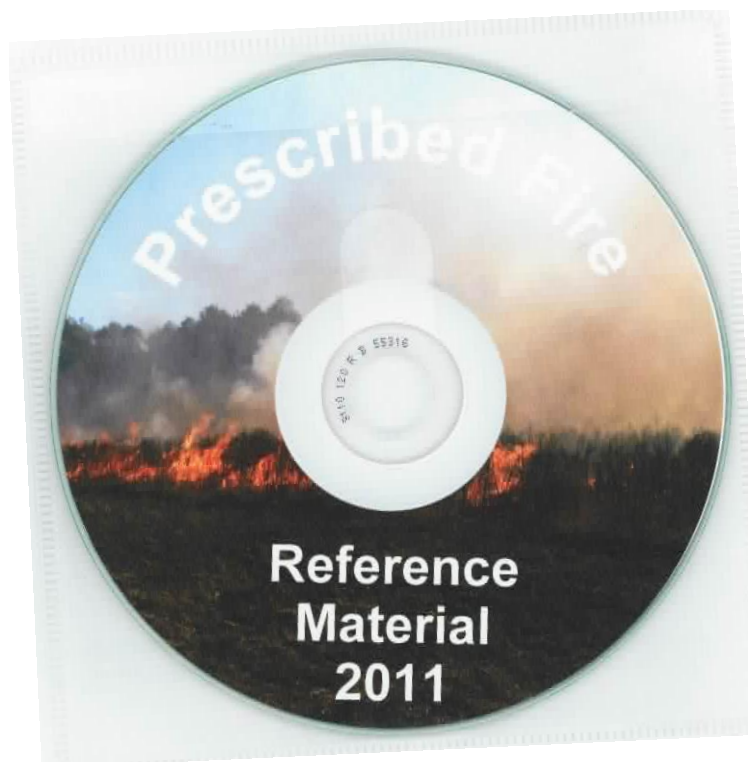
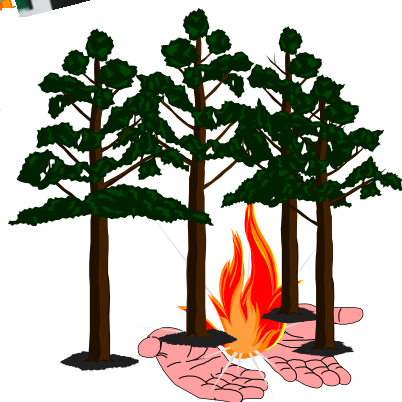
Virginia Department of Forestry

Protecting and developing healthy, sustainable forest resources





**These are YOUR
reference materials
... Make It Yours !!
Keep.. Toss .. Add.**



Virginia's Certified Prescribed Burn Managers Program

Course Outline
January 18th – 20th, 2011

January 18 th		
0900-1000	Registration	
1000-1030	Introduction Video Overview of Course Course Materials	Fred Turck
1030-1200	Environmental Effects Vegetation, Soil and Water How fire helps achieve objectives	Rick Myers/Shep Zedaker
1200-1300	Lunch	
1300-1415	Environmental Effects (cont) Seasonal and Periodic Specific Silvicultural (ie. Longleaf/oak) Fire as a wildlife (non-game) management tool	Rick Myers/Shep Zedaker
1415-1515	Fire Breaks Fire as a wildlife (game) management tool	Marc Puckett
1515-1530	Break	
1530-1700	The Chemistry of Fire and Smoke Production	Fred Turck
January 19 th		
0800-0815	Review	Fred Turck
0815-1000	Fire Behavior	Rebecca Wilson
1000-1015	Break	
1015-1130	Obtaining Weather Information / Fog-Smoke	Phillip Manuel
1130-1230	Smoke Management Mitigation	Sam Lindblom
1230-1330	Lunch	
1330-1430	Smoke Management Health and Visibility	Fred Turck
1430-1530	Tactics and Firing Techniques	Sam Lindblom
1530-1545	Break	
1545-1645	A Landowners View / Q&A	Mike Jones
January 20 th		
0800-0830	Review	Fred Turck
0830-0930	Extreme Fire Conditions (case study)	Fred Turck
0930-1030	Safety	Richard Thomas
1030-1045	Break	
1045-1215	The Law How we got to where we are today. Virginia Legislation Liability and Negligence (outside speaker??) Exemptions	Fred Turck
1215-1300	Lunch	
1300-1400	Plan Preparation	Fred Turck
1400	Exam	

Continuing
Forestry
Education
Credits

SAF

17 / 4 ½

DOF Edge
Credits

17

Site Prep

Wildlife

Hardwood

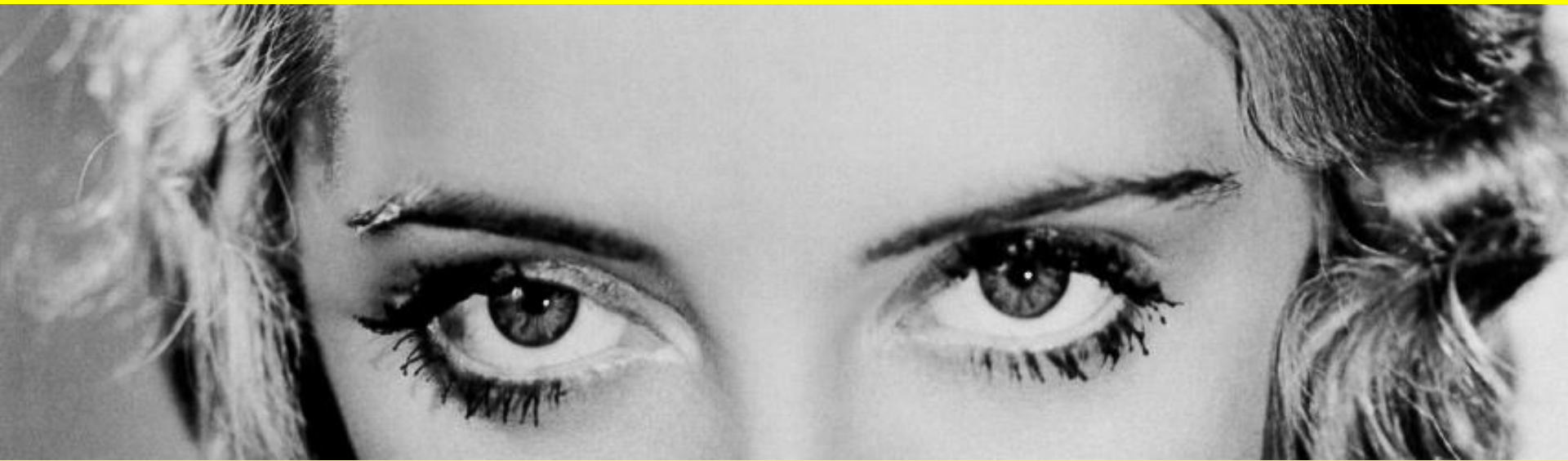
Pine

WSG

Fuel Reduction

T & E Species

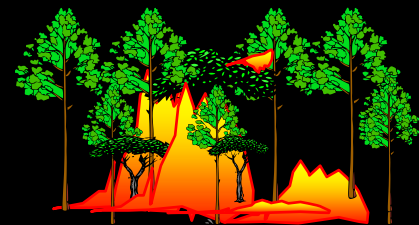




**“Fire is neither Good or Bad
... Its usefulness is determined
by the eye of the beholder
AND the hand of its user.”**

**“PUBLIC SENTIMENT IS EVERYTHING
WITH PUBLIC SENTIMENT, NOTHING
CAN FAIL
WITHOUT IT, NOTHING CAN SUCCEED”**

Abe Lincoln



**“We may have all come on different ships,
but we're in the same boat now.”**

MLK

In this quote, Dr. Martin Luther King is paraphrasing President Calvin Coolidge, who in an address, entitled "Toleration and Liberalism," to the American Legion Convention at Omaha on Oct. 6, 1925, said: **"No matter by what various crafts we came here, we are all now in the same boat."**



GOOD FIRES | Prescribed Fires

What is Prescribed fire?

view the anatomy of a prescribed burn ➤

Prescribed Fire refers to the controlled application of fire to wildland ecosystems under specified environmental conditions that help restore health to fire-adapted environments. By reducing hazardous fuel accumulations on the forest floor, encouraging the new growth of native vegetation, and maintaining the many plant and animal species whose habitats depend on periodic fire, prescribed burning helps reduce the catastrophic damage of wildfire on our lands and surrounding communities.

Prescribed fire is one of the most effective tools we have in preventing the outbreak and spread of wildfires. But because prescribed fire is fire, fire management experts must be extremely careful in planning and executing a prescribed fire.

Prescribed fire is a mitigation tool NOT a prevention tool!



Find Out More

- National Fire Plan Website
How government and state partners manage wildland fire in our communities.
www.fireplan.gov/
- Fire Management, Everglades National Park
Explore the role fire plays in several different ecosystems.
www.nps.gov/ever/fire/
- Department of Agriculture
How the land we care for can be benefited by fire.
www.fs.fed.us/fire/operations/pxfire/
- The Nature Conservancy – Fire Management Program
Guidelines for a successful prescribed fire.
www.tncfire.org/manual/welcome.htm

www.smokeybear.com

Enlarge Chart





- [Breaking News from the Press-Register](#)
400-acre wildfire in Calcedeaver causes home evacuations

Published: Saturday, January 15, 2011, 11:06 PM

A controlled burn in northwest Mobile County turned into a wildfire covering about 400 acres that volunteer fire fighters battled for much of the day. Officials ordered that 25 homes just north of Coy Smith Highway be evacuated during the fire, which started just before noon and lasted until almost 7 p.m., said Andrew Byrd with the Calcedeaver Volunteer Fire Department, who served as incident commander.

- Control burn escalates to forest fire

SAUCIER, MS – A Saucier individual's attempt to burn brush on his property has escalated to a forest fire, according to the Harrison County Sheriff's Department.

Officers told WLOX that the Saucier Fire Service and the Forestry Commission are on scene. WLOX is told the man attempted to do a controlled burn of brush, when it got out of control.

2.5% to 4.5%
of all the acres
burned in the SE
7.7%

Year	VA Private	GW	JNF	Combined GW/JNF	FWS	NPS	TNC	Total
1976	20,945	N/A	N/A	N/A				20,945
1977	20,701	N/A	N/A	N/A				20,701
1978	17,789	N/A	N/A	N/A				17,789
1979	17,865	N/A	N/A	N/A				17,865
1980	28,333	N/A	N/A	N/A				28,333
1981	29,333	0	N/A	N/A				29,333
1982	25,365	115	N/A	115				25,595
1983	27,508	N/A	N/A	N/A				27,508
1984	27,538	117	N/A	117				27,772
1985	30,152	N/A	N/A	N/A				30,152
1986	34,823	189	466	655				36,133
1987	33,000	146	983	1,129				35,258
1988	36,177	40	935	975				38,127
1989	24,999	37	1,232	1,269				27,537
1990	32,272	1,092	1,718	2,810				37,892
1991	23,410	170	1,411	1,581				26,572
1992	22,148	970	963	1,933				26,014
1993	11,807	1,870	1,245	3,115				18,037
1994	22,684	795	1,233	2,028				26,740
1995	18,678	1,741	1,353	3,094				24,866
1996	12,641	1,339	775	2,114				16,869
1997	14,612	1,465	2,323	3,788				22,188
1998	16,859	6,564	5,310	11,874				40,607
1999	14,304	5,523	2,462	7,985				30,274
2000	15,050	4,172	994	5,136				25,352
2001	17,044	3,135	2,715	5,850				28,744
2002	7,188	2,322	3,228	5,550				18,288
2003	3,725	7,188	3,207	10,395				24,515
2004	5,075	7,103	6,516	13,619				32,313
2005	6,241	9,285	6,782	16,067				38,375
2006	4,726	4,914	1,762	6,676				18,078
2007	8,338	3,335	7,120	10,455				29,248
2008	9,676	9,563	12,192	21,755*				31,431
2009	10,684	6,875	8,418	15,293				41,270
2010	6,133							

Primary Reasons for Rx Burning

	Nation Wide	Virginia / non fed
• Fire hazard reduction.....	64.1 %	51% / 2%
• Silviculture.....	17.9 %	19% / 35%
• Wildlife habitat.....	9.8 %	28% / 45%
• Others.....	8.2 %	2% / 18%

Rx Fire Issues in the Southeast

- Safety
- Rx Fire Training
- Growing Season Burning
- Wilderness Fire
- Diverse Eco-Region Burning
- Wildland/Urban Interface

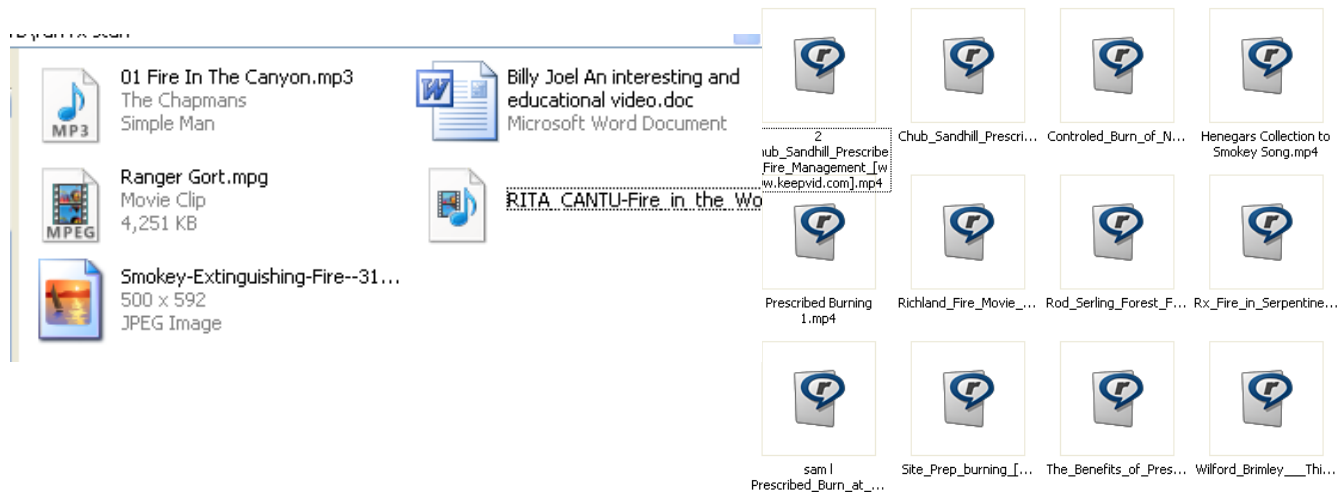
Estimate of Rx Fire by Eco-Region, R-8

- 96 % Coastal Plain
- 3 % Ozark Highlands
- 1% Appalachians and Piedmont



Review CD & Book

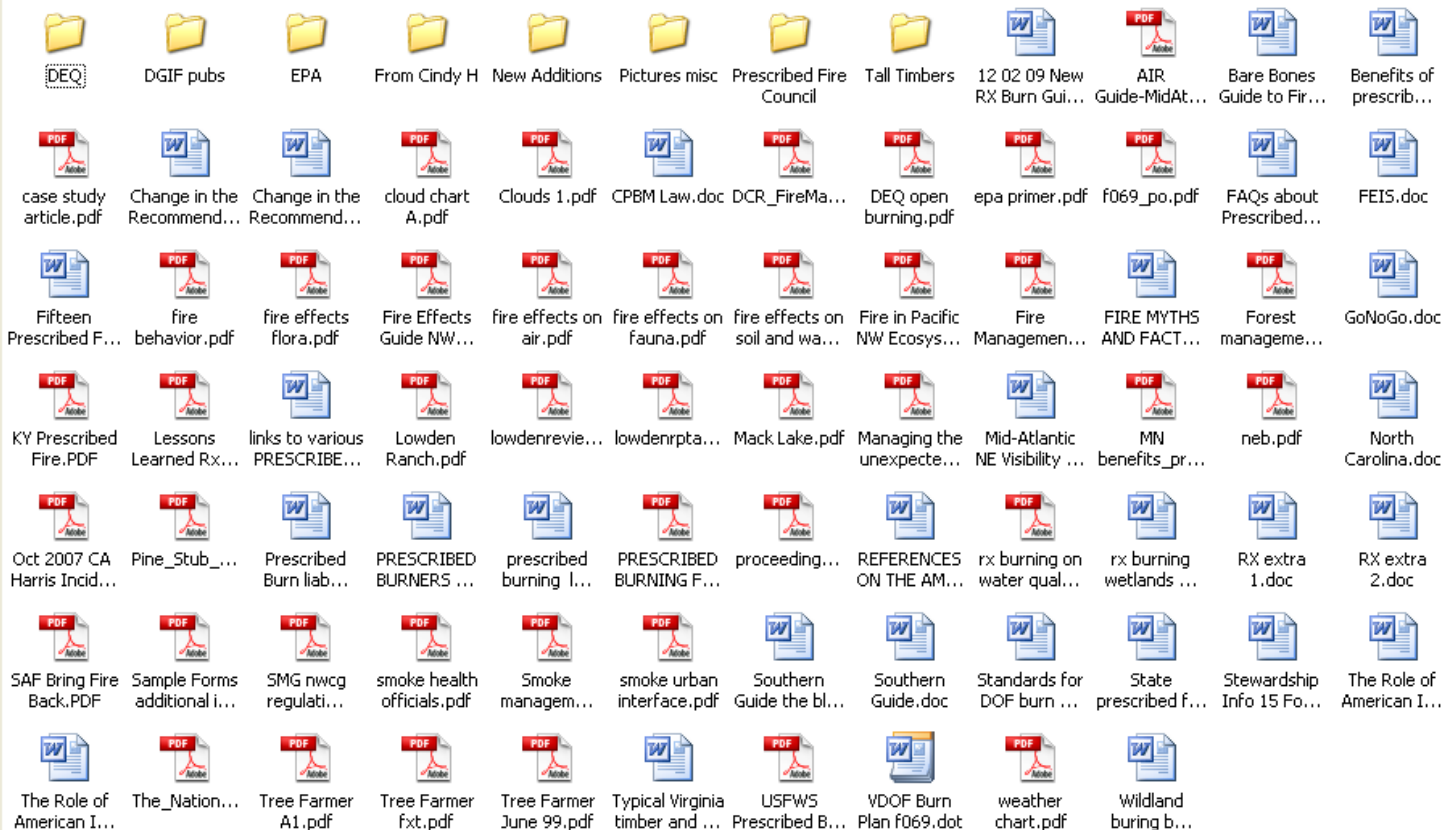




fun rx stuff

Documents

Videos



Questions

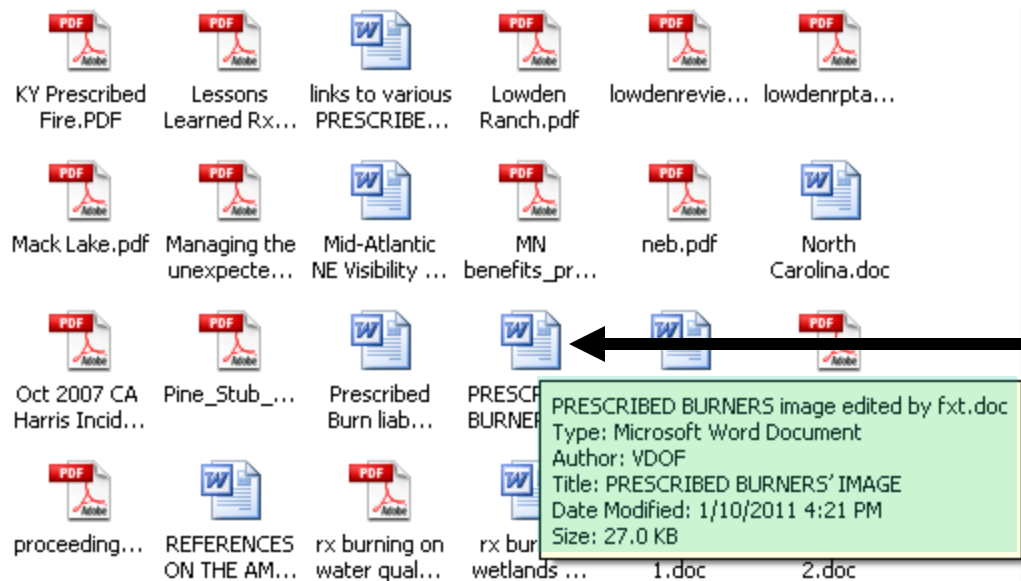


“Thank You for Leading the Way!”



<http://www.goodfires.org/>

<http://www.visitmyforest.org/>



Image

- It is difficult to separate the image of the burner and the perception of prescribed burning as a management tool.

- It should be established that image has everything to do with how we are perceived, and may indeed have little to do with what we actually are. Hence, this course will attempt to define methods for molding our image in such a fashion that it most closely resembles reality.

- What is Reality? Prescribed burners are land managers. We burn for reasons ranging from wildfire prevention to timber management and species diversity. We work to maintain and restore. We are perpetuating a resource management technique that predates written history.

- What is perception? In some circles we are destroyers. We are violators of the great “Smokey the Bear Litany” of decades. We threaten adjacent land, imperil helpless animals of the woods and destroy America’s forests. Our fires pollute the atmosphere, endanger motorists on smoke-choked highways and deposit ashes in swimming pools.

- Obviously, the difference between actuality and perception can be a broad gulf. A great deal of the responsibility for improving our image rests with the various agencies involved in burning. Policy, funding, career training and agency public relations are obviously the responsibility of those agencies.

- Once there is a committed effort of public awareness and education, it will be the responsibility of ALL who are involved in the use of prescribed burning to carry the message and mold the image. The attitude, professionalism and preparedness of those who conduct prescribed burning will make or break our efforts.

Now lets begin our
training session ..

